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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Keith Nugent et al.

Art Unit : Unknown

Serial No.: Unassigned

Filed

Examiner: Unknown

: Herewith

Title

: PHASE DETERMINATION OF A RADIATION WAVE FIELD

#### **Box PCT**

Commissioner for Patents Washington, D.C. 20231

#### PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

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### In the claims:

Amend claims 4-8, 11-13, 15-16, 18, 21-22, 25-26, 30-34, 37-42, 44, 47-48, 55-57, 60-64, 69-72, 75-78, 82-86, 88-89, 96-100, and 102-103 as follows:

- 4. (Amended) A method as claimed in claim 1 wherein said first and second differential operators are second order differential operators.
- 5. (Amended) A method as claimed in claim 1 wherein said first filter is substantially the same as said second filter.
- (Amended) A method as claimed in claim 1 wherein said first filter includes 6. selectively suppressing first higher frequencies of the first integral transform representation.

CERTIFICATE OF MAILING BY EXPRESS MAIL

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I hereby certify under 37 CFR §1.10 that this correspondence is bein deposited with the United States Postal Service as Express Mail Po Office to Addressee with sufficient postage on the date indicated belo and is addressed to the Commissioner for Patents, Washington D.C. 20231.
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